

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 4 (1/23/2022- 01/29/2022)

COCONINO COUNTY
February 4, 2022



Situation Summary

MMWR Week 4 (1/23/2022-01/29/2022)

A total of 40,558 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – January 29, 2022.

Deaths: 419 (1.0% of cases)	Probable Deaths: 5
Recovered Cases: 28,594	(71% of cases)
Hospitalizations: 2,083	(5.1% of cases)
Total Fully Vaccinated: 77,663	(57.9% of the eligible population)
Total Up-To-Date: 31,266	(44.5% of eligible population fully vaccinated)

Cases Reported Week 4 (January 23, 2022 - January 29, 2022):

1,707
Positive
Cases

49%
Not Fully
Vaccinated

1,206.5
Rate per
100,000

25.4%
Positivity
Yield

15.3%
COVID-Like
Illness**

Community Transmission

Coconino County is currently at a **High** ** level of community transmission.

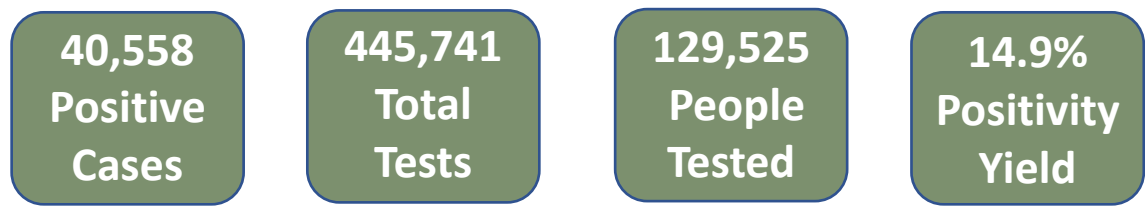
Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

* CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

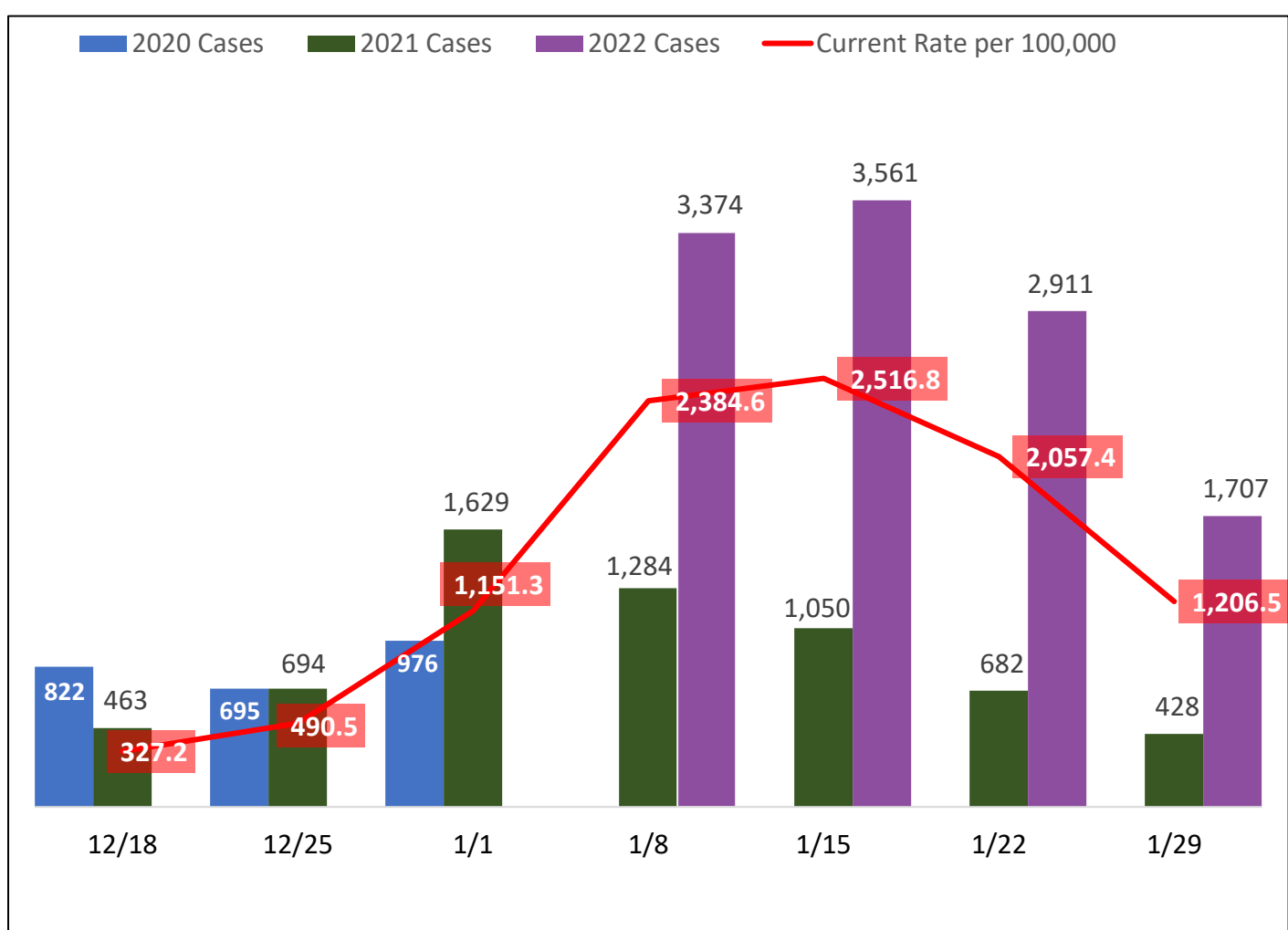
** CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

Cumulative Counts (March 15, 2020 – January 29, 2022):



28,665.1 cases per 100,000 Coconino County Residents
vs.
26,242.0 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



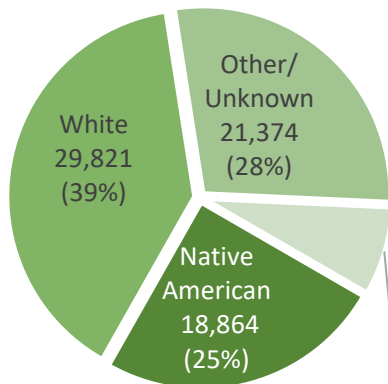
*Cases reported from 3/15/20-1/29/22

COVID-19 Situation Summary*

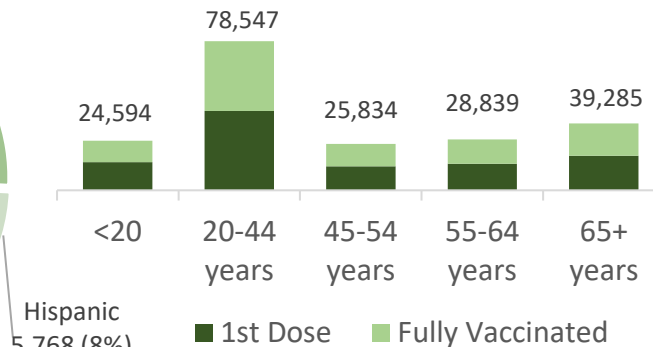
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

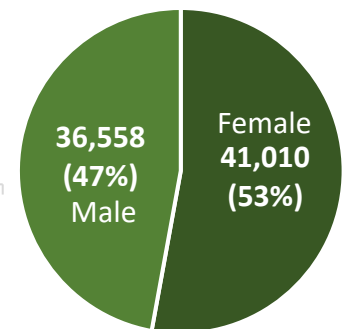
Fully Vaccinated by Race**



Vaccinations by Age



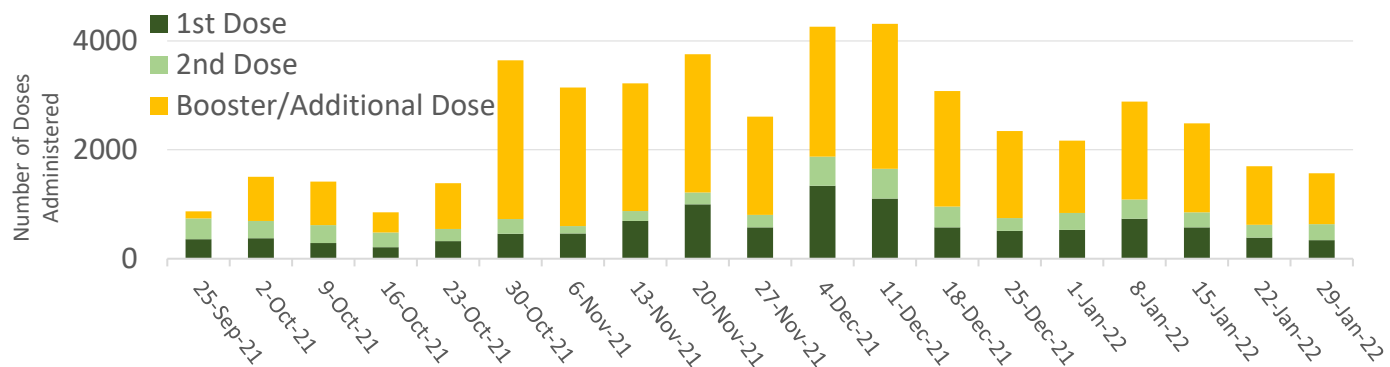
Fully Vaccinated by Sex



**The following races account for less than 2% of total vaccinations: Asian or Pacific Islander (1,251) and Black or African American (585).

44.5% of eligible, fully vaccinated individuals have received a booster/additional dose

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Flagstaff	56,724	49,597	54,776
86001/86005	31,842	27,836	59,736
86004	23,819	20,843	60,989
86011	1,063	918	9,394

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Page	6,339	5,974	83,599
Tribal Communities	17,449	15,371	67,726
Williams	2,823	2,481	45,979
Grand Canyon	1,875	1,619	72,471
Other Areas	2,932	2,621	36,142

[†]Population estimates include residents aged 5 and older.


Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

COVID-19 Situation Summary*

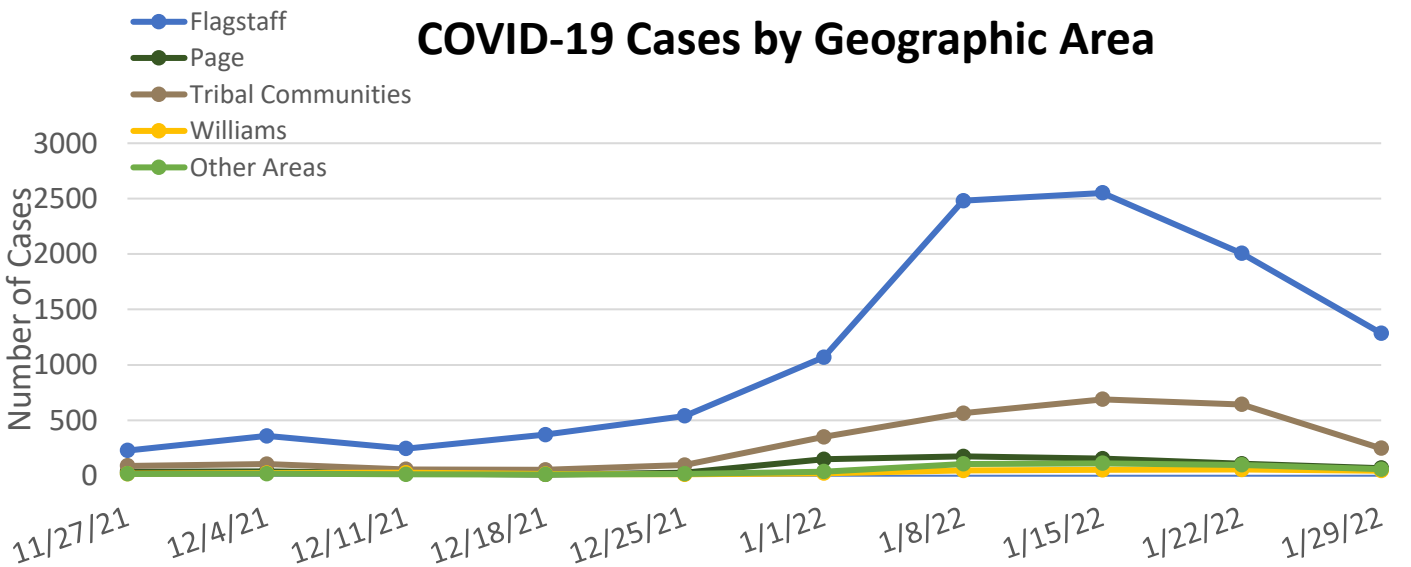
Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	26,354	27,607	13.0%	49,597	54.8%
Page	2,583	34,298	20.8%	5,974	83.6%
Tribal Communities	8,733	35,473	17.7%	15,371	67.7%
Williams	1,265	22,212	19.0%	2,481	46.0%
Grand Canyon	396	15,603	17.3%	1,619	72.5%
Other Areas	1,227	21,744	15.5%	2,621	36.1%

[†]Population estimates include residents aged 5 and older.
Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

 **Key Take Away**

- The highest **case incidence** for week 4 was observed in Flagstaff with an incidence of 1,346.1 per 100,000, respectively.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



*Cases reported from 3/15/20-1/29/22

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [‡]
<20 years	9,937	24,350	16.1%	9,799	29.0%
20-44 years	19,713	37,765	15.3%	31,889	61.1%
45-54 years	4,324	29,437	15.7%	10,162	69.2%
55-64 years	3,592	21,646	14.1%	11,112	67.0%
65+ years	2,992	17,618	11.2%	14,701	86.6%

[‡]Population estimates include residents aged 5 and older.

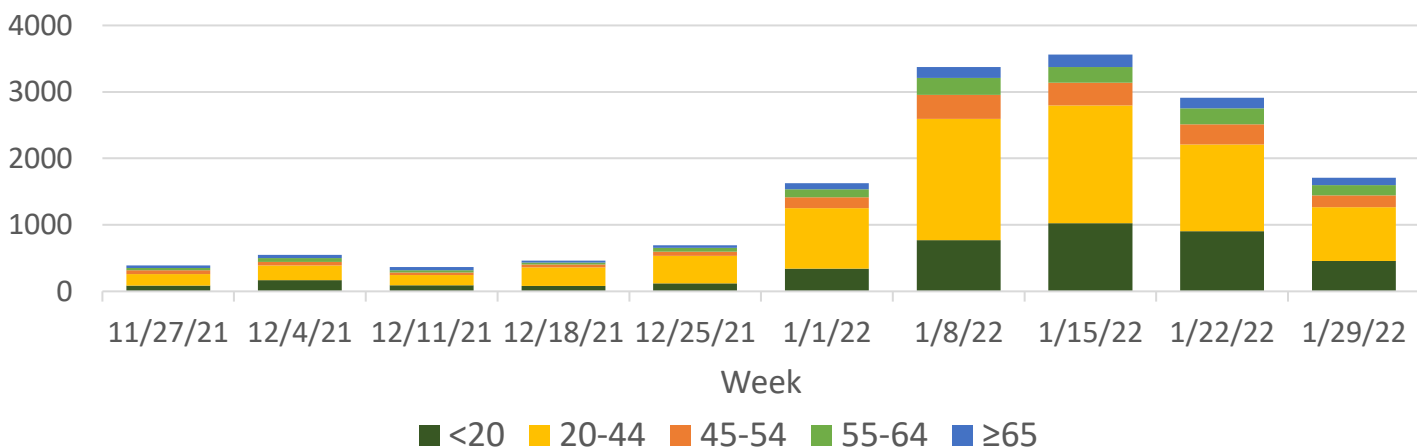
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

The median age of Coconino County COVID-19 cases is 29 years old

Key Take Away

- The highest **case incidence** for week 4 was observed among residents aged 20-44 with an incidence of 1,550 per 100,000.
- The highest **positivity yield** for week 4 was observed among residents aged <20 with a positivity yield of 27.1%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	13,483	37,046	18,864	51.8%
White	14,771	19,344	29,821	38.3%
Hispanic	6,020	30,204	5,768	29.8%
Black or African American	534	33,883	585	25.3%
Asian/ Pacific Island	611	21,267	1,251	38.9%
Other/ Unknown	5,139	N/A	21,374	N/A

[‡]Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

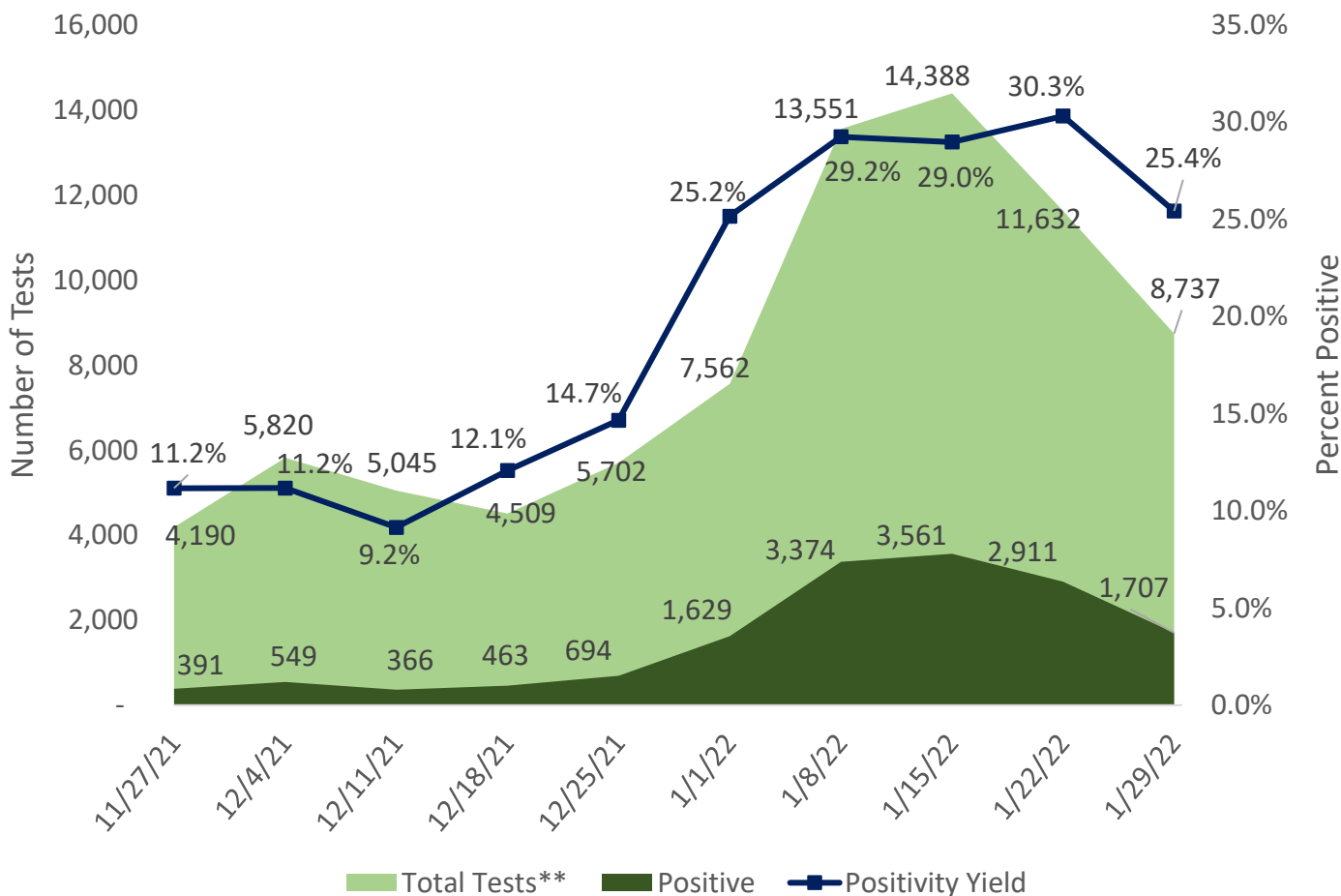
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	21,145	29,580	13.5%	41,010	60.2%
Male	19,279	27,625	16.0%	36,558	55.4%

[‡] Population Estimates include residents aged 5 and older

Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 31% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 129,525 Coconino County residents have been tested.

Tests Conducted: A total of 445,741 tests have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 10,972**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- Total individuals monitored to date: 10,554**

Hospitalizations

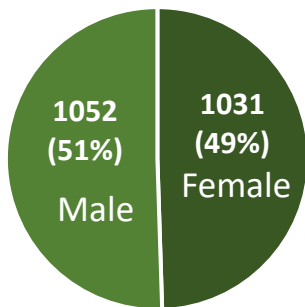
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of
Cases
5.1%

Hospitalized
2,083

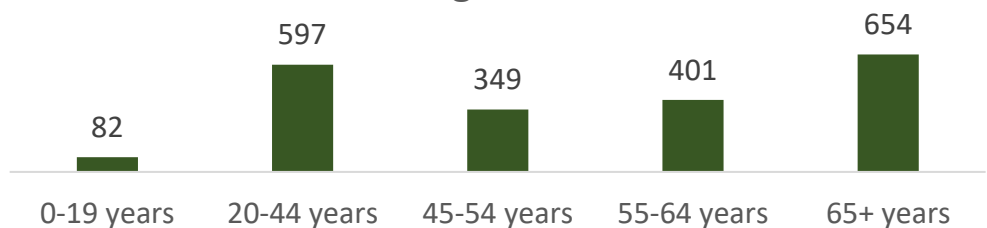
Hospitalizations
Per 100,000
1,472

Sex



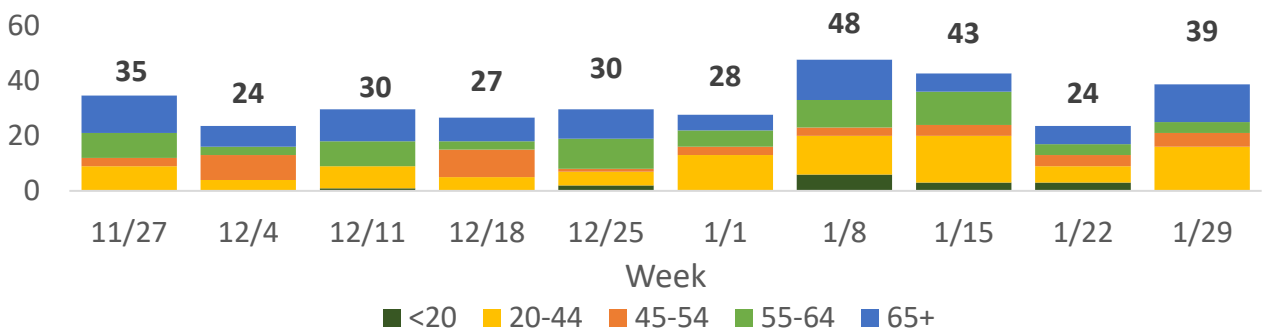
14% of hospitalized residents were in the ICU and 5% were intubated.

Hospitalized Coconino COVID-19 Patients by Age

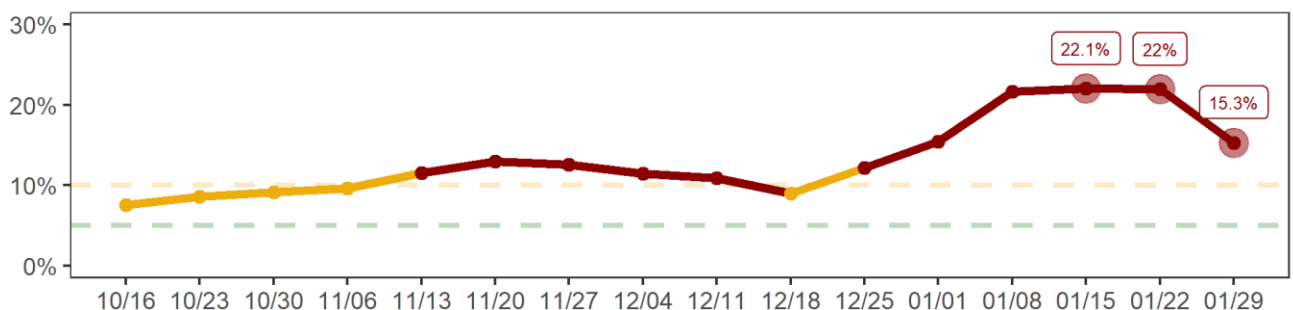


Weekly Case Counts Among Coconino County Residents:

Hospitalized Coconino COVID-19 Patients by Age



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



COVID-19 Situation Summary*

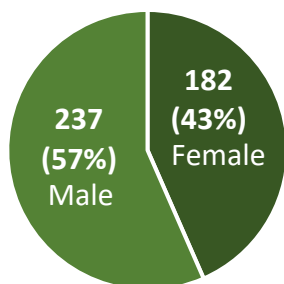
COVID-19 Related Deaths:

Percentage of
Cases
1.0%

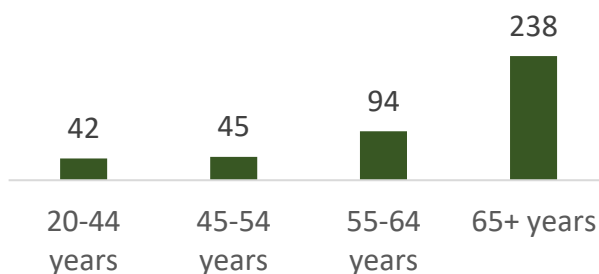
Deaths
419

Fatalities
Per 100,000
296.1

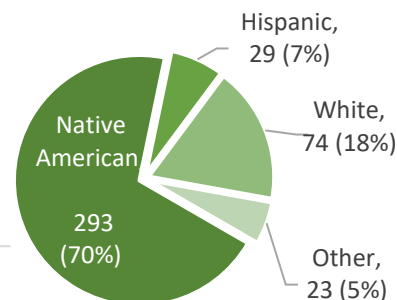
Sex



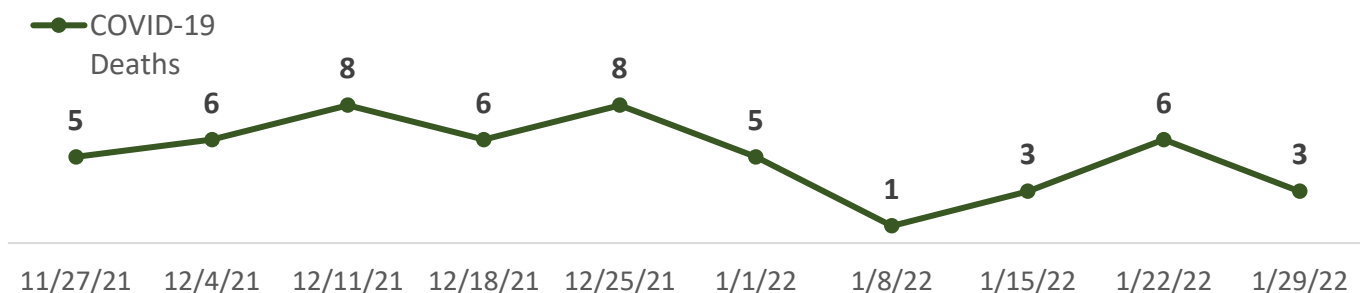
Coconino COVID-19 Deaths by Age



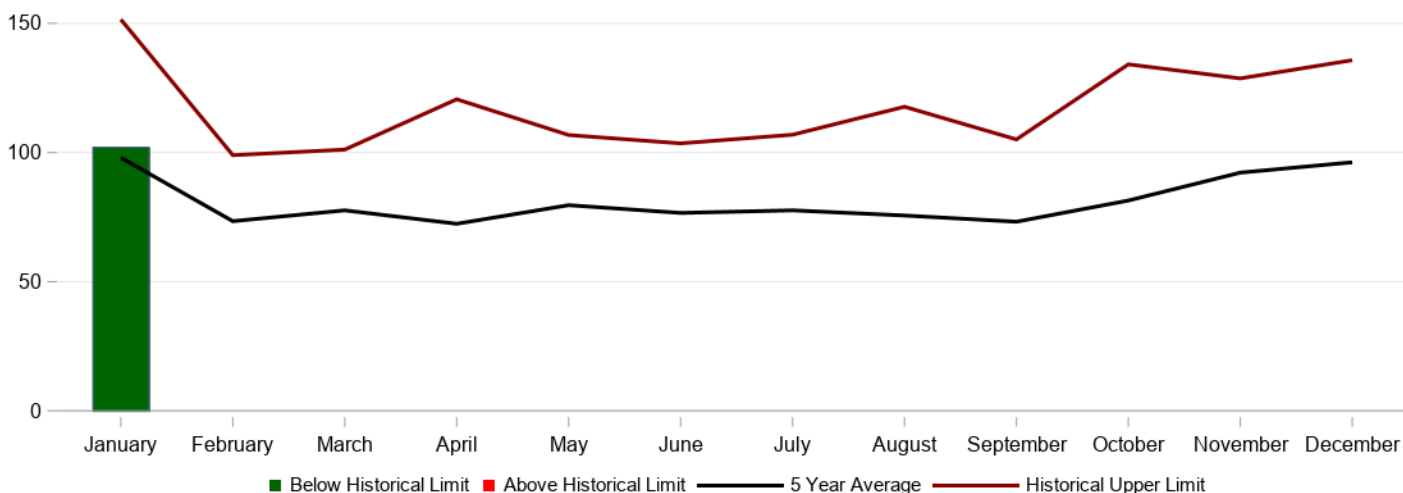
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2022 All Deaths Aberration



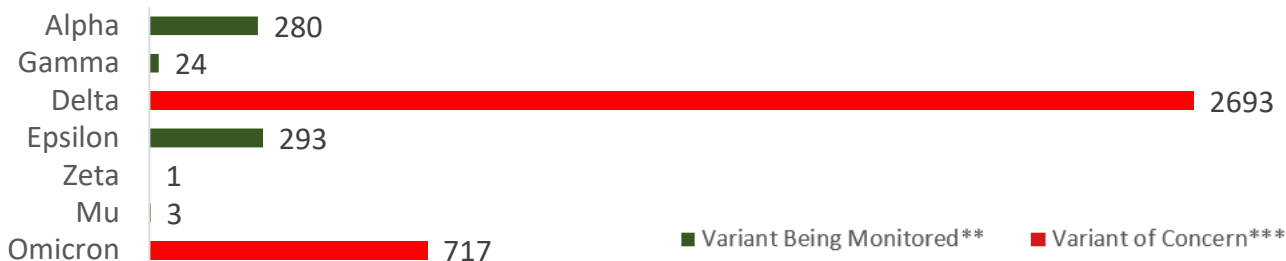
*Cases reported from 3/15/20-1/29/22

COVID-19 Situation Summary*

*Cases reported from 3/15/20-1/29/22

COVID-19 Variants:

Total Variants Being Monitored** and Variants of Concern***



****Variants Being Monitored** include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

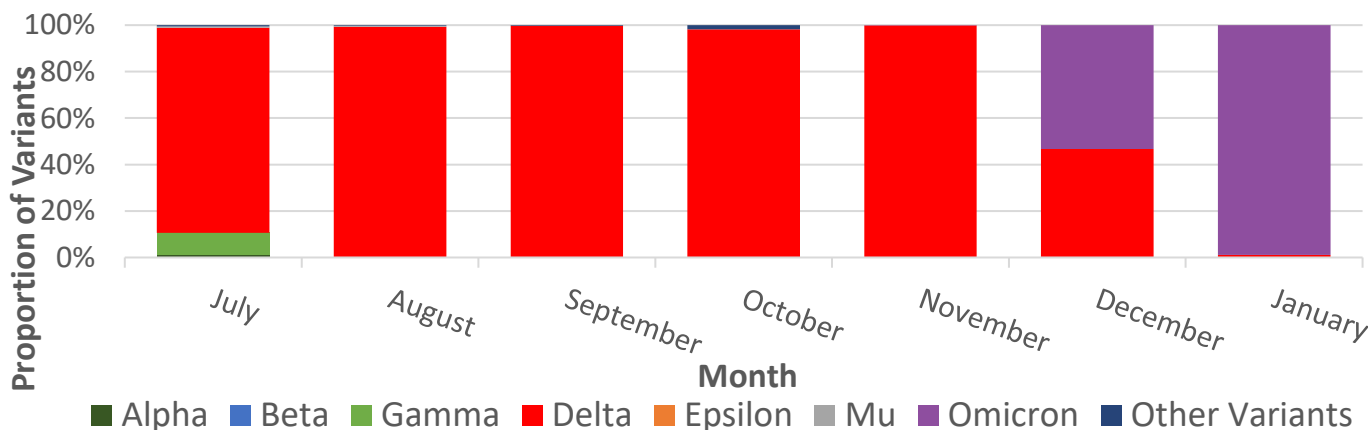
***** Variants of Concern** include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions.html)

82% of identified variants of concern are among Flagstaff residents.

Variants Being Monitored and Variants of Concern by Month



5,253 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

Vaccine Breakthrough[†]:

Total Vaccine Breakthrough Cases: 10,060

(24.8% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 1,242

(12% of vaccine breakthrough cases)

[†]Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS. **For more information regarding variant testing in Arizona, please visit the TGen website:** [AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/AZ-COVID-19-Sequencing-Dashboard)